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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration  
Submitted  
With Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number	8221
First Named Inventor	Thomson
<b>COMPLETE IF KNOWN</b>	
Application Number	10/798,039
Filing Date	March 11, 2004
Art Unit	1742
Examiner Name	

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**HIGH STRENGTH STEEL PRODUCT WITH IMPROVED FORMABILITY AND STEEL  
MANUFACTURING PROCESS**

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY)

03/11/2004

as United States Application Number or PCT International

Application Number 10/798,039 and was amended on (MM/DD/YYYY)   (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? Yes	Certified Copy Attached? No
2,460,399	CA	03/10/2004	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## DECLARATION — Utility or Design Patent Application

Direct all correspondence to:  Customer Number: \_\_\_\_\_ **OR**  Correspondence address below

## Name

KENNETH L. MITCHELL (WOODLING, KROST AND RUST)

## Address

9213 CHILlicoTHE ROAD

## City

KIRTLAND

## State

OHIO

## ZIP

44094

## Country

UNITED STATES OF AMERICA

## Telephone

440-256-4150

## Fax

440-256-7453

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## NAME OF SOLE OR FIRST INVENTOR:

A petition has been filed for this unsigned inventor

## Given Name (first and middle [if any])

BARTON A.

## Family Name or Surname

THOMSON

Inventor's  
Signature


## Date

2/04/08/2

Residence: City  
SAULT STE. MARIE

State  
ONTARIO

Country  
CANADA

Citizenship  
CANADIAN

Mailing Address  
30-571 NORTH STREET

City  
SAULT STE. MARIE

State  
ONTARIO

ZIP  
P6B 6K7

Country  
CANADA

## NAME OF SECOND INVENTOR:

A petition has been filed for this unsigned inventor

## Given Name (first and middle [if any])

JAMES W.

## Family Name or Surname

JOHNSTON

Inventor's  
Signature


## Date

x August 12, 2004

Residence: City  
SAULT STE. MARIE

State  
ONTARIO

Country  
CANADA

Citizenship  
CANADIAN

Mailing Address  
189 PENTAGON BLVD.

City  
SAULT STE. MARIE

State  
ONTARIO

ZIP  
P6B 5J2

Country  
CANADIAN

Additional inventors or a legal representative are being named on the \_\_\_\_\_ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Title: HIGH STRENGTH STEEL PRODUCT WITH IMPROVED FORMABILITY  
AND STEEL MANUFACTURING PROCESS**

**Filed: MARCH 11, 2004**

**Serial No.: 10/798,039**

**Assignee: Algoma Steel Inc., 105 West Street, Sault Ste. Marie, Ontario P6A 7B4,  
Canada**

**Inventors: Barton A. Thomson and James W. Johnston**

Woodling, Krost and Rust  
9213 Chillicothe Rd.  
Kirtland, OH 44094  
440-256-4150

**July 22, 2004**

**COMMISSIONER OF PATENTS  
AND TRADEMARKS  
Washington, D. C. 20231**

**DESIGNATION OF DOMESTIC REPRESENTATIVE**

I, Paul C. Finley, an Officer of Algoma Steel Inc., 105 West Street, Sault Ste. Marie, Ontario P6A 7B4, Canada, do hereby state that: Algoma Steel Inc. is the owner by assignment of a patent application entitled **HIGH STRENGTH STEEL PRODUCT WITH IMPROVED FORMABILITY AND STEEL MANUFACTURING PROCESS**

which was filed in United States Patent and Trademark Office; that I am authorized to make this designation as I am an officer of Algoma Steel Inc.; that Algoma Steel Inc. is authorized to prosecute said patent application as set forth in the accompanying Certificate under § 3.73(b) and, that, I hereby designate the following as Domestic Representative:

Kenneth L. Mitchell, Reg. No. 36,873  
Charles R. Rust, Reg. No. 18,716  
Woodling, Krost & Rust  
9213 Chillicothe Rd.  
Kirtland, OH 44094  
(440) 246-4150 phone  
(440) 256-7453 fax

Respectfully submitted,

x Aug. 12, 2004  
Date

PC Finley

Signature

Paul C. Finley Print Name  
(An officer)  
Algoma Steel Inc.  
105 West Street  
Sault Ste. Marie  
Ontario P6A 7B4  
Canada

U.S. PATENT & TRADEMARK OFFICE  
AUG 27 2004  
PTO/SB/81 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/798,039
Filing Date	MARCH 11, 2004
First Named Inventor	THOMSON
Title	HIGH STRENGTH STEEL PRODUCT
Art Unit	1742
Examiner Name	
Attorney Docket Number	8221

I hereby appoint:

Practitioners associated with the Customer Number:

OR

Practitioner(s) named below:

Name	Registration Number
KENNETH L. MITCHELL	36873
CHARLES R. RUST	18716

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

The address associated with the above-mentioned Customer Number:

OR

The address associated with Customer Number:

OR

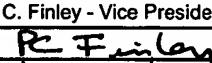
<input checked="" type="checkbox"/> Firm or Individual Name	KENNETH L. MITCHELL (WOODLING, KROST AND RUST)			
Address	9213 CHILLICOTHE ROAD			
Address				
City	KIRTLAND	State	OHIO	Zip 44094
Country	UNITED STATES OF AMERICA			
Telephone	440-256-4150	Fax	440-256-7453	

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)*

**SIGNATURE of Applicant or Assignee of Record**

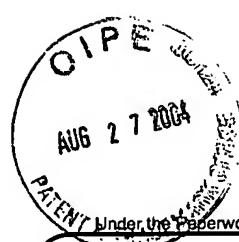
Name	Paul C. Finley - Vice President and Corporate Secretary, Algoma Steel Inc.		
Signature			
Date	Aug 12/04		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/798,039
Filing Date	MARCH 11, 2004
First Named Inventor	THOMSON
Title	HIGH STRENGTH STEEL PRODUCT
Art Unit	1742
Examiner Name	
Attorney Docket Number	8221

I hereby appoint:

 Practitioners associated with the Customer Number: 

OR

 Practitioner(s) named below:

Name	Registration Number
KENNETH L. MITCHELL	36873
CHARLES R. RUST	18716

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

 The address associated with the above-mentioned Customer Number: 

OR

 The address associated with Customer Number: 

OR

<input checked="" type="checkbox"/> Firm or Individual Name	KENNETH L. MITCHELL (WOODLING, KROST AND RUST)		
Address	9213 CHILLCOTHE ROAD		
Address			
City	KIRTLAND	State	OHIO
Country	UNITED STATES OF AMERICA		
Telephone	440-256-4150	Fax	440-256-7453

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name	BARTON M. THOMSON		
Signature			
Date	x 2004 0812	Telephone	703 945 3341

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

 \*Total of \_\_\_\_\_ forms are submitted.

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/798,039
Filing Date	MARCH 11, 2004
First Named Inventor	THOMSON
Title	HIGH STRENGTH STEEL PRODUCT
Art Unit	1742
Examiner Name	
Attorney Docket Number	8221

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Practitioners associated with the Customer Number:

OR

Practitioner(s) named below:

Name	Registration Number
KENNETH L. MITCHELL	36873
CHARLES R. RUST	18716

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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The address associated with the above-mentioned Customer Number:

OR

The address associated with Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	KENNETH L. MITCHELL (WOODLING, KROST AND RUST)		
Address	9213 CHILlicothe ROAD		
Address			
City	KIRTLAND	State	OHIO
Country	UNITED STATES OF AMERICA		
Telephone	440-256-4150	Fax	440-256-7453

I am the:

Applicant/inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

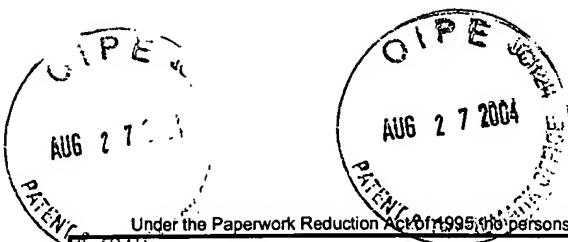
**SIGNATURE of Applicant or Assignee of Record**

Name	JAMES W. JOHNSTON		
Signature			
Date	August 12, 2004	Telephone	(705) 945-4785

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: ALGOMA STEEL INC.Application No./Patent No.: 10/798,039 Filed/Issue Date: MARCH 11, 2004Entitled: HIGH STRENGTH STEEL PRODUCT WITH IMPROVED FORMABILITY AND STEEL MANUFACTURING PROCESS

ALGOMA STEEL INC., a CORPORATION  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or2.  an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. [ ] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

**OR**

B. [✓] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

James W. Johnston1. From: BARTON A. THOMSON AND  To: ALGOMA STEEL INC.

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

[✓] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

x Aug 12, 2004Paul C. Finley

Date

Typed or printed name

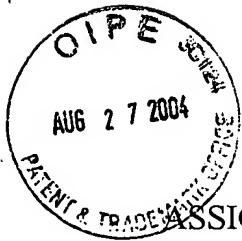
705-945-2788x PC Finley

Telephone number

Vice President and  
Corporate Secretary

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



## ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

NAMES AND  
ADDRESSES  
OF INVENTOR(S)

Inventors: Barton A. Thomson  
30-571 North Street  
Sault Ste. Marie  
Ontario P6B 6K7  
Canada

And

James W. Johnston  
189 Pentagon Blvd.  
Sault Ste. Marie  
Ontario P6B 5J2  
Canada

(hereinafter referred to as ASSIGNOR(S)), invented and own a certain invention entitled:

**TITLE OF INVENTION: HIGH STRENGTH STEEL PRODUCT WITH  
IMPROVED FORMABILITY AND STEEL MANUFACTURING  
PROCESS**

for which application for Letters Patent of the United States have been filed on March 11, 2004, United States Patent Application Serial No. 10/798,039,

and

NAME AND ADDRESS  
OF ASSIGNEE(S)

Assignee : Algoma Steel Inc.  
105 West Street  
Sault Ste. Marie  
Ontario P6A 7B4  
Canada

(Organized Under The Laws of Canada)

(hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE(S) to ASSIGNOR(S) of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR(S) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE the full and exclusive worldwide right, title and interest to said invention and all Letters Patent of the United States and/or any foreign nation to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR(S) covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof, with ASSIGNOR(S) reasonably compensated therefor.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand and seal this 12 day of August, 2004.

FULL NAMES  
OF INVENTORS



Name: Barton A. Thomson

Citizen of Canada

Name: James W. Johnston

Citizen of Canada

Correspondence Address:

KLM:ec  
H:\Public\RJoachim\Patents\39108\39108-0058\_Assign.doc

Kenneth L. Mitchell, 36873  
Charles R. Rust, 18716  
Woodling, Krost and Rust  
Kirtland Office Complex  
9213 Chillicothe Road  
Kirtland, Ohio 44094  
(440) 256-4150 Phone  
(440) 256-7453 Fax  
clevepat@aol.com E-mail

KLM:ec  
H:\Public\RJoachim\Patents\39108\39108-0058\_Assign.doc